

What is claimed is:

1. An apparatus for preventing backlash of a spool used in a baitcasting reel, the apparatus comprising:

5 a stationary cam including an opening formed at a center thereof through which a shaft of the spool passes, in which a boss of the spool is inserted into the opening to fix the stationary cam, and at least two protruded portions formed at an outer periphery thereof, the protruded portion having an inclined surface at a lower portion thereof;

a movable cam including protruded portions corresponding to the protruded portions,
10 bosses formed under a bottom of the movable cam, and an opening formed at a center of the cam through which the spool shaft passes, the protruded portion having an inclined surface abutting against the inclined surface of the protruded portion of the stationary cam;

a braking plate including holes for receiving bosses of the movable cam and an opening
15 formed at a center of the plate through which the spool shaft passes, in which the braking plate is affected by magnetic force of the permanent magnet so that braking force is applied to the spool;
and

a spring, secured to the spool shaft by a washer and a snap ring, for compressing the movable cap against the stationary cam.

20 2. An apparatus for preventing backlash of a spool used in a baitcasting reel, the apparatus comprising:

a stationary cam including an opening formed at a center thereof through which a shaft of the spool passes, in which a boss of the spool is inserted into the opening to fix the stationary cam, and at least two protruded portions formed at an outer periphery thereof, the protruded

portion having an inclined surface at a lower portion thereof;

a movable cam including protruded portions corresponding to the protruded portions, bosses formed under a bottom of the movable cam, and an opening formed at a center of the cam through which the spool shaft passes, the protruded portion having an inclined surface abutting
5 against the inclined surface of the protruded portion of the stationary cam;

a braking ring of a cylinder tube shape, secured to an edge of the movable cam opposite to the protruded portion of the movable cam, for transferring braking force to the spool, in which the braking ring moves between permanent magnets of a spool cover and permanent magnets assembled to a ring gear to apply braking force to the spool; and

10 a spring, secured to the spool shaft by a washer and a snap ring, for compressing the movable cap against the stationary cam.